

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-4. (Canceled)

5. (Currently Amended) An image display device, comprising:

a display unit;

a resolution conversion device that converts original image data for ~~a single pixel~~ pixels each including sub pixels corresponding to a plurality of colors to resolution-converted image data including image data of first, second, ~~and third~~ third, and fourth pixels each having sub pixels corresponding to a plurality of ~~colors~~ colors, each of the single pixels corresponding to a pixel group that consists of the corresponding ones of the first, second, third, and fourth pixels that were converted from that single pixel;

a viewing angle range adjustment device that sets grayscale values ~~of the pixels within the pixel groups~~ of the resolution-converted image data, the viewing angle range adjustment device setting grayscale values of different color sub pixels of the pixels within a same pixel group based on different viewing angle characteristics of the different color sub pixels; and

a display device for displaying the resolution-converted image data on the display unit;

wherein after converting the resolution, the viewing angle range adjustment device sets different grayscale values for the same color sub pixels of adjacent ones of the first, second, ~~and third~~ and fourth pixels.

6. (Previously Presented) The image display device according to Claim 5, each sub pixel corresponding to each color of R, G, and B;

the viewing angle range adjustment device comprising:

a lookup table that stores display characteristics of the display unit for each color of R, G, and B; and

a device that determines the grayscale values of the sub pixels for each color with reference to the lookup table.

7-11. (Canceled)

12. (Previously Presented) The image display device according to claim 5, the viewing angle range adjustment device setting the same grayscale value for two different color sub pixels of the first and second pixels.

13. (Previously Presented) The image display device according to claim 5, sub pixels of the single pixel after converting the resolution have the same grayscale values.

14. (New) An image display device, comprising:

a display unit comprising a plurality of display pixels, each display pixel having a plurality of differently-colored sub pixels;

a memory storing a look-up table, the look-up table including information on viewing-angle characteristics for each of the differently-colored sub pixels of the display unit;

a resolution conversion device that converts original image data received by the image display device, the resolution conversion device converting each image pixel of the original image data into first, second, third, and fourth image pixels of resolution-converted image data, the first, second, third, and fourth pixels each having sub pixels corresponding to a plurality of colors;

a viewing angle range adjustment device that adjusts grayscale values within groups of image pixels of the resolution-converted image data, each group of image pixels consisting of the first, second, third, and fourth pixels that correspond to a same image pixel of the original image data, the viewing angle range adjustment device, within each group of

image pixels, adjusting grayscale values of each sub pixel of each group of image pixels according to the viewing angle characteristics of the color of the sub pixel; and

a display device for displaying the resolution-converted image data on the display unit;

wherein the viewing angle range adjustment device, within each group of image pixels, adjusts the grayscale values to be different for the same color sub pixels of the corresponding first, second, third, and fourth pixels, and

wherein the different adjustments made by the viewing angle range adjustment device to the different color sub pixels of each group of image pixels results in substantially the same viewing image performance per viewing angle.

15. (New) An image display device according to claim 14, wherein
the image display device is a handheld wireless communication device, and
the image display device receives images for display having a first resolution and displays the images at a resolution greater than the first resolution.